CURRICULUM VITA

Jeffrey J. Green

2009

PROFESSIONAL BACKGROUND

Name: Jeffrey J. Green
Rank: Associate Professor of Economics
Department of Economics
Miller College of Business
Ball State University
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Area of Academic Discipline Specialization: Applied Statistics

Degrees:

Doctoral Degree:

Name of Degree: Ph.D.
Year Conferred: 1972
Degree-Granting Institution: Cornell University
Principal Academic Unit: College of Engineering
Major Field of Study: Applied Statistics, Operations Research
Minor Field of Study: Mathematical Statistics
Dissertation Title: "Two Runs Tests of Randomness against Trend"

Masters Degree:

Name of Degree: Master of Science
Year Conferred: 1971
Degree-Granting Institution: Cornell University
Major Field of Study: Operations Research

Bachelors Degree

Name of Degree: Bachelor of Science
Year Conferred: 1968
Degree-Granting Institution: Case Institute of Technology
Major Field of Study: Mathematics

Academic Experience:

1992 – Present	Associate Professor, Department of Economics, Miller College of Business, Ball State University, Muncie, Indiana
1980 – 1992	Associate Professor of Management Science, Miller College of Business, Ball State University, Muncie, Indiana
1977 – 1980	Assistant Professor of Management Science, Miller College of Business, Ball State University, Muncie, Indiana
1972 – 1977	Assistant Professor of Industrial Engineering, Illinois Institute of Technology, Chicago, Illinois

INSTRUCTIONAL EXPERIENCE FOR MOST RECENT CALENDAR YEAR

Courses Taught:

ECON 221 Business Statistics

Other:

Supplemented the ECON 221 course material by requiring the reading of the book *How to Lie with Statistics* so that the students could better learn to recognize and defend themselves from the misuse of statistics by unscrupulous individuals and organizations.

Required every student in ECON 221 to submit a statistic which had recently been published in a magazine, newspaper, book, or on the Internet. This statistic had to be properly referenced and then analyzed as to the appropriateness of the sample size, the method of data collection, and the validity of the statistic's interpretation and use.

Developed and implemented a semester-long "scavenger hunt" for the ECON 221 students to conduct in order to find statisticians who are famous for seemingly non-statistical accomplishments (e.g. Alexander Graham Bell was a member of the American Statistical Association). The purpose of this project was to show that statistical reasoning and the ability to do statistical analyses are valuable in a variety of settings and fields of endeavor.

SCHOLARLY ACTIVITIES

<u>Refereed Journal Articles Publications:</u>

Green, J. J., Stone, C. C., Zegeye, A., and Charles, T. A. (forthcoming). How Much Do Students Need to Succeed in Business and Economics Statistics? An Ordered Probit Analysis. *Journal of Statistics Education*.

Green, J. J., Stone, C. C., Zegeye, A., & Charles, T. A. (2007). Changes in Math Prerequisites and Student Performance in Business Statistics: Do Math Prerequisites Really Matter? *Journal of Economics and Finance Education,* 6(2), 27-38.

Refereed Proceedings:

Green, J. J. (2008, April). Completely Balanced Change-Over Designs for First and Second Residual Effects. *Conference Proceedings of the Midwest Decision Sciences Institute's Annual Meeting,* Erie, PA.

Green, J. J. (2006, August). On Goodman and Kruskal's 'G' and Stuart's Measure of Association. *Conference Proceedings of the American Statistical Association National Meeting,* Seattle, WA, 1727-1731.

Green, J. J**.**, & Nelson, R. (2005, August). A Union-Intersection Censored Data Test for the Equality of Exponential Distribution Location Parameters. *Conference Proceedings of the American Statistical Association National Meeting.* Minneapolis, MN, 1729-1734.

Green, J. J. (2003, February). An Approximation to the Power Function of a Preference Test when the Probability of No Preference is Large. *Conference Proceedings of the Southeast Decision Sciences Institute's Annual Meeting*. Williamsburg, VA, 349-351.

Green, J. J., & Nelson, R. (2002, March). Choosing the *m* out of *k* Normal Populations with the Largest Means When the Variances are Unknown. *Conference Proceedings of the Northeast Decision Sciences Institute's Annual Meeting*. San Juan, Puerto Rico, 319-321.

Green, J. J. (2001, April). A Comparison of Two Measures of Association for a Two-Way Contingency Table. *Conference Proceedings of the Midwest Decision Sciences Institute's Annual Meeting*. Dearborn, MI, 120-122.

Green, J. J., & Nelson, R. (2000, April). A Union-Intersection Procedure for Testing the Location Parameter of Exponential Distributions. *Conference Proceedings of the Midwest Decision Sciences Institute's Annual Meeting,* Chicago, IL, 175-177.

Green, J. J., & Nelson, R. (1998).Testing the Location Parameters of Exponential Distributions. *Conference Proceedings of the Decision Sciences Institute National Meeting,* Las Vegas, NV, November 1998, 2, 1126-1128.

Green, J. J., & Nelson, R. (1997, April). An Extremal Quotient Test for the Location Parameter of the Exponential Distribution," *Conference Proceedings of the Midwest Decision Sciences Institute's Annual Meeting,* 231-233.

Green, J. J. (1996, April). A New Class of Balanced Change-Over Designs. *Conference Proceedings of the Midwest Decision Sciences Institute's Annual Meeting,* 251-255.

Green, J. J. (1995, November). Latin Square Designs Balanced for the Residual Effect of the Preceding Treatment. *Conference Proceedings of the Decision Sciences Institute National Meeting*, 2, 1059-1061.

Green, J. J. (1994, November). A Comparison of Several Common Growth Parameter Estimators. *Conference Proceedings of the Decision Sciences Institute National Meeting*, 2, 1373-1375.

Green, J. J. (1993, April). Simultaneous Estimation of Poisson Means. *Conference Proceedings of the Midwest Decision Sciences Institute's Annual Meeting*, 145-146.

Green, J. J. (1992, March). Upper Tolerance Limits for the Largest Observation in Life Testing. *Conference Proceedings of the Southwest Decision Sciences Institute's Annual Meeting*, 110.

Green, J. J. (1991, February). Estimating the Mean of the Normal When It is in the Interval [0, 1]. *Conference Proceedings of the Southeast Decision Sciences Institute's Annual Meeting*, 95-97.

Green, J. J. (1990, November). Estimating Expected Lifetime in the Presence of a Spurious Observation. *Conference Proceedings of the Decision Sciences Institute's National Meeting*, 1, 185-187.

Green, J. J. (1989, March). The Survival Function for the Exponential Model. *Conference Proceedings of the Southwest Decision Sciences Institute's Annual Meeting*, 1-3.

Non-Refereed Proceedings:

Green, J. J., Stone, C. C., Zegeye, A., & Charles, T. A., (2007, May). The Impact of Different Math Prerequisites on the Performance of Business Statistics Students. *Proceedings of the Conference on the Occasion of the Retirement of Mir Masoom Ali*, Muncie, IN, 276-285.

Presentations at Conferences:

Green, J. J., Stone, C. C., Zegeye, A., & Charles, T. A. "How Much Math Do Students Really Need to Succeed in Business and Economics Statistics? An Ordered Probit Analysis." Midwest Economics Association Annual Meeting. Chicago. March 15, 2008.

Green, J. J., Stone, C. C., Zegeye, A., & Charles, T. A. **"**How Much Math Do Students Really Need to Succeed in Business and Economics Statistics? An Ordered Probit Analysis." Eastern Economic Association Annual Meeting. Boston. March 7, 2008.

Green, J. J., Stone, C. C., Zegeye, A., & Charles, T. A. "Changes in Math Prerequisites and the Performance of Business Students." Midwest Economics Association Annual Meeting. Chicago. March 24, 2006.

Green, J. J., & Nelson, R. "Using Censored Data to Test the Location Parameters of Several Exponential Distributions." National Meeting of the American Statistical Association. Toronto. August 2004.

Green, J. J., & Nelson, R. "Another Test for the Location Parameter of the Two-Parameter Exponential Distribution." National Meeting of the American Statistical Association. August 2000.

Green, J. J., & Nelson, R. "A Scale-Free Early Rejection Test of the Location Parameter of the Exponential Distribution." National Meeting of the American Statistical Association. August 1999.

Green, J. J., "Another Type of Balanced Change-Over Design." Annual Meeting of the Institute of Mathematical Statistics. March 1998.

Green, J. J., "A Simplified Technique for Balancing the Previous Treatment's Residual Effect in a Latin Square Design." National Meeting of the Institute of Mathematical Statistics. August 1997.

Green, J. J., "Estimation of the Growth Rate Parameter for Three Secular Trend Models." National Meeting of the American Statistical Association. August 1996.

Green, J. J., "On Estimating Several Poisson Parameters." National Meeting of the Institute of Mathematical Statistics. July 1995.

Green, J. J., "Upper Tolerance Limits in the Two-Parameter Exponential Distribution." National Meeting of the Institute of Mathematical Statistics. June 1994.

Referee Positions:

Reviewer, papers submitted to the Decision Sciences Institute's National Meeting (2004-2008)

SERVICE ACTIVITES

University, College, Departmental Committees:

Member, University Senate (2008-present)
Member, Faculty Council (2008-present)
Member, Undergraduate Education Committee (2008-present)
Member, College of Business Undergraduate Curriculum Assessment Committee, (2008-present)
Member, Department Promotion and Tenure Committee (2007-present)
Member, University Grievance Appeals Board (2005-present)
Member, University Library Committee (2005-present)
Member, Public Safety Committee (2001-present), (Chairman 2003-2006)
Member, Special Leave Committee (2005-2006)

Chairman, University Traffic Appeals Subcommittee (2003-2006)

Professional Memberships:

American Statistical Association
Decision Sciences Institute
Institute of Mathematical Statistics

Professional Positions Held:

Session Chair, National Meeting of the American Statistical Association (2005)

Session Chair, National Meeting of the American Statistical Association (2004)

Academic Activities:

Member, Ball State University Graduate Faculty (2004-2005)

Professional Development:

Participated in the workshop on *What the Best College Teachers Do* by Ken Bain conducted by the Ball State Miller College of Business (2006)

Participated in the workshop on Curriculum Integration conducted by the Ball State Miller College of Business (2005)

Participated in the workshop on Behavioral Research conducted by the Ball State Miller College of Business (2005)

Community Activities:

Consultant, Riverside Cemetery Association, Salem Corners, MN (2004-2008)

Board of Directors, Orchard Lawn Neighborhood Association (2004-2008)

HONORS AND AWARDS

Special Assigned Leave with Pay (2007)

Dean's Teaching Award, Miller College of Business (1999, 2000)

Received the 2003 Best Paper in Statistics Award from the Southeast Decision Sciences Institute for a paper presented at its Annual Meeting

Received the Runner-Up Outstanding Presentation Award from the American Statistical Association for a paper presented at its 2000 National Meeting